Inventor: JAVIER DEL PRADO ET AL
Attorney Docket: US 010257
Title: OVERLAPPING NETWORK ALLOCATION VECTOR (ONAV) FOR AVOIDING COLLISION IN THE IEEE 802.11
WLAN OPERATING UNDER HCF
Contact: Russell Gross 914) 333-9631

FIG. 1

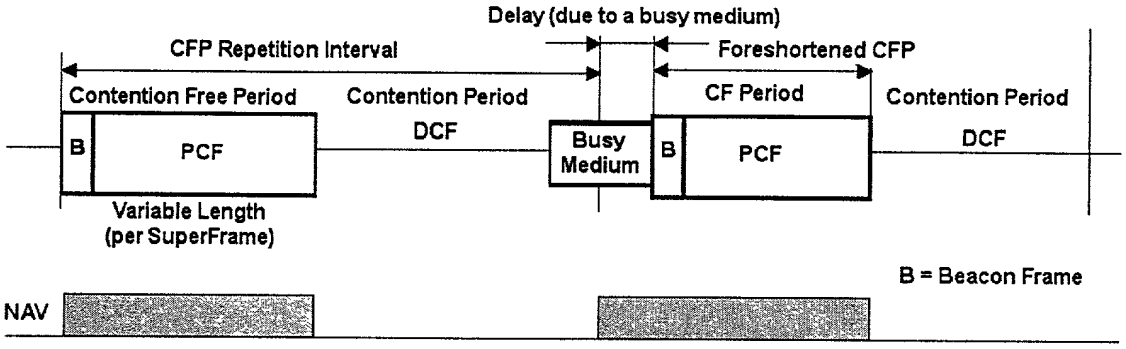
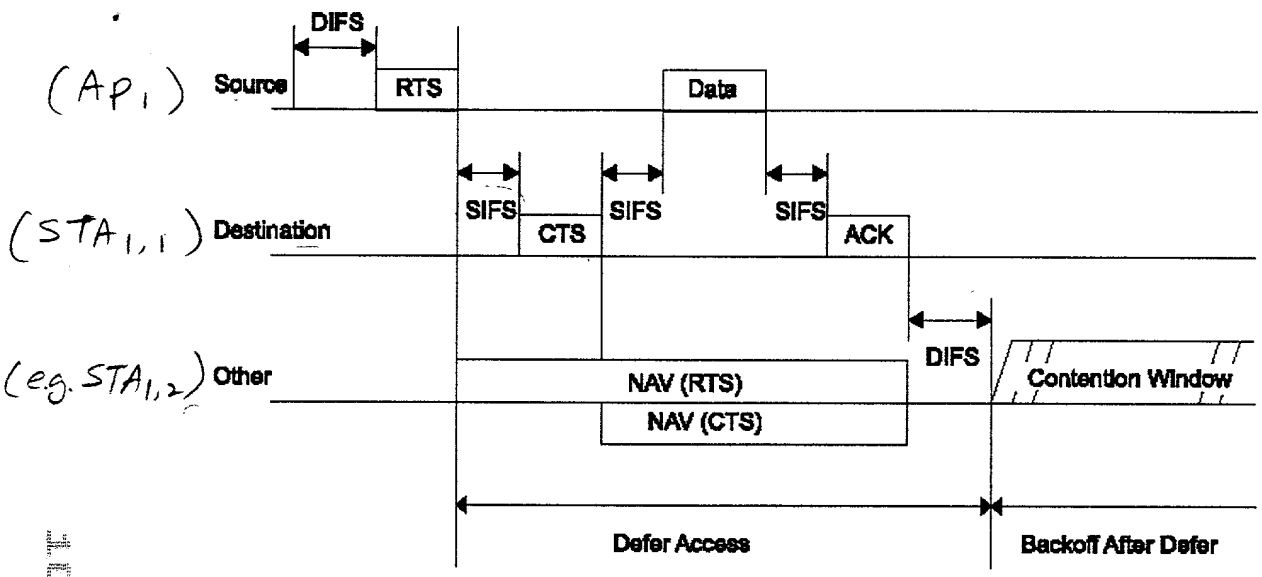


Fig. 2

Express Mail Label No. EV 339 920 525 US



EXPRESS MAIL NO. EV 339905 US

FIG. 3

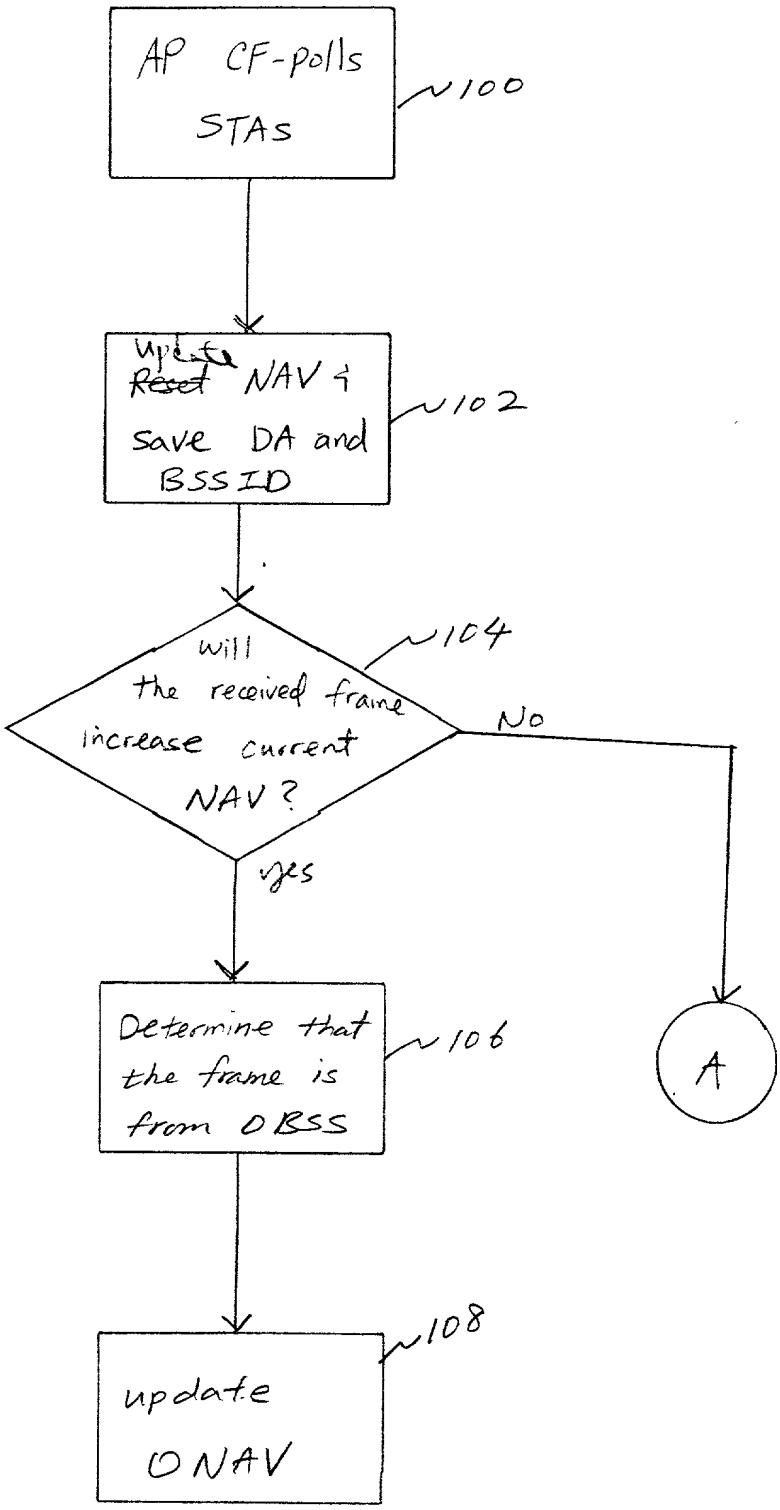

AP CF-polls STAs
100
Update NAV
save DA and BSSID
102
will the received frame increase current NAV?
104
No
yes
Determine that the frame is from OBSS
106
A
update ONAV
108

FIG. 4

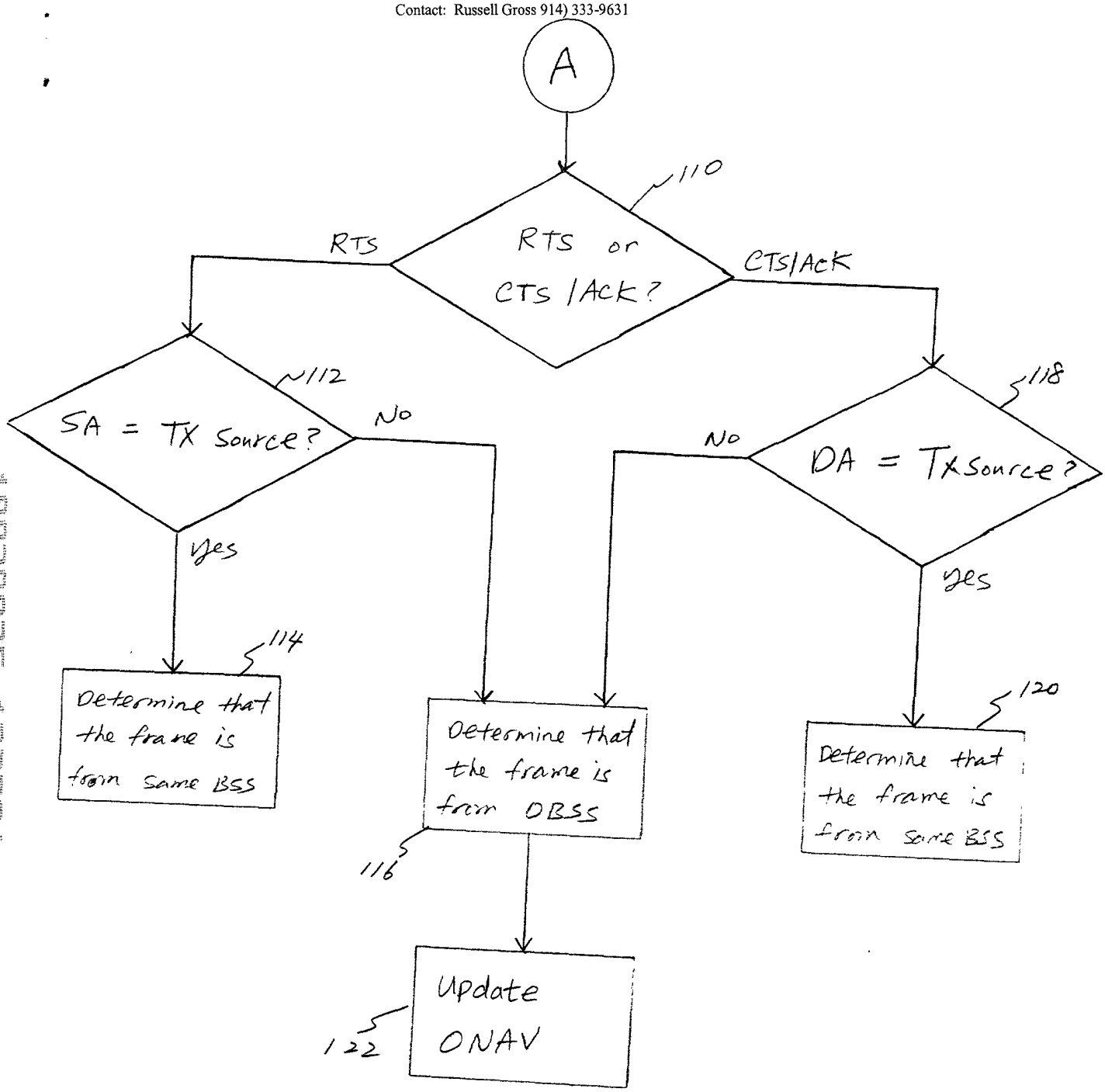

A
110
RTS or CTS/ACK?
RTS
CTS/ACK
112
SA = TX Source?
No
Yes
114
Determine that the frame is from same BSS
116
Determine that the frame is from OBSS
118
DA = TX Source?
No
Yes
120
Determine that the frame is from same BSS
122
Update ONAV

FIG. 5

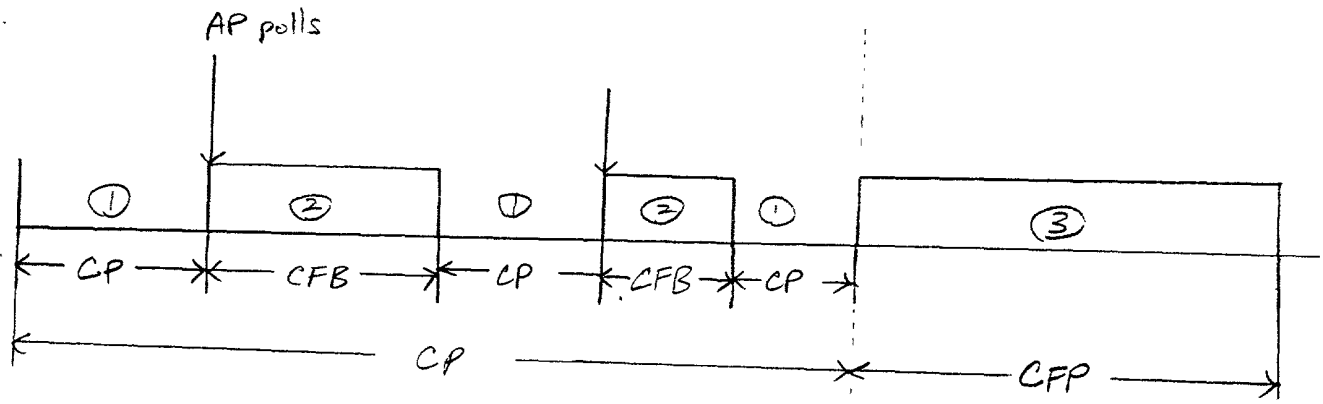


FIG. 6